NAVIGATING A UAV

ABSTRACT

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Exemplary embodiments of the present invention include a method for navigating a UAV. Such embodiments include receiving in a remote control device a user's selection of a GUI map pixel that represents a waypoint for UAV navigation. The pixel has a location on the GUI. Such embodiments also include mapping the pixel's location on the GUI to Earth coordinates of the waypoint, transmitting the coordinates of the waypoint to the UAV, reading a starting position from a GPS receiver on the UAV, and piloting the UAV, under control of a navigation computer on the UAV, from the starting position to the waypoint in accordance with a navigation algorithm.

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